

Matter and Changes of State



Use the matching sheet ID when checking answers.

Use the material to work through each task. Show the requested response.

1. Which is a liquid?

Answer: Liquid water

Liquid water flows.

2. What is the change from solid ice to liquid water called?

Answer: melting

3. Sort the examples.

Solid: Ice cube

Liquid: Liquid water

Gas: Air

Use shape and flow characteristics.

4. What change makes liquid water into ice?

Answer: freezing

5. Why does pouring liquid water into a different cup change its shape?

Look for:

- Separates shape from substance identity.

One possible response: A liquid takes the container's shape.

6. Is the white cloud above a kettle the invisible water vapor itself?

Look for:

- Distinguishes invisible gas from visible droplets.

One possible response: No. The visible cloud contains tiny liquid droplets.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.